>AX647175 ACCESSION:AX647175 NID: gi 28800391 emb AX647175.1 Sequence 1367 from Patent EP1270724 Length = 1491

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MGAAFVASLRSNLSSATSRSEMNSSVGDLGVGGCSLWDDPARFIVVPAAYALALGLGLPA 60 ${\tt MGAAFVASLRSNLSSATSRSEMNSSVGDLGVGGCSLWDDPARFIVVPAAYALALGLGLPA}$ Query: 1

Sbjct: 138 MGAAFVASLRSNLSSATSRSEMNSSVGDLGVGGCSLWDDPARFIVVPAAYALALGLGLPA 317

Query: 61 NVAALAMFIRSGGRLGQALLLYLFNLALVDEFFTLTLQLWLTYYLGLARRPPATRPGPPT 120 ${\tt NVAALAMFIRSGGRLGQALLLYLFNLALVDEFFTLTLQLWLTYYLGLARRPPATRPGPPT}$ Sbjct: 318 NVAALAMFIRSGGRLGQALLLYLFNLALVDEFFTLTLQLWLTYYLGLARRPPATRPGPPT 497

Query: 121 TCPPMRRWSSPRSSACAAAASYAVPGPGRLPAWPGAY-APRALPAPSPGWRAWPLPAWST 179 TCPPMRRWSSPRSSACAAAASYAVPGPGRLPAWPGAY APRALPAPSPGWRAWPLPAWST

Sbjct: 498 TCPPMRRWSSPRSSACAAAASYAVPGPGRLPAWPGAYGAPRALPAPSPGWRAWPLPAWST 677

Query: 180 AGQARGWPPPRWPSRPPSCWCSRPT 204 AGQARGWPPPRWPSRPPSCWCSRPT

Sbjct: 678 AGQARGWPPPRWPSRPPSCWCSRPT 752



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- (54) Guanosine triphosphate-binding protein coupled receptors
- (57) The object of the present invention is to provide a technique for efficiently extracting GPCR sequences from human genome sequences, thereby comprehensively identifying novel GPCRs. An original automatic

system for identifying GPCR sequences is disclosed, and 1035 novel GPCRs are successfully identified from the entire human genome by utilizing the system.